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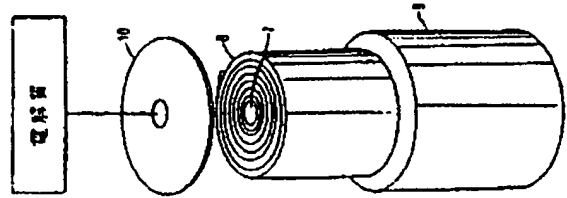
APPLICATION DATE : 19-06-89
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APPLICANT : MOLI ENERG LTD;

INVENTOR : UENKE CHAU;

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TITLE : ELECTROCHEMICAL STORAGE
BATTERY, AND MANUFACTURE
THEREOF



ABSTRACT : PURPOSE: To provide a non-aqueous lithium battery having excellent resistance to corrosion of a negative electrode side metal component, and having excellent long period storage characteristics by using aluminum metal or its alloy for a negative electrode collecting part or a negative electrode metal component.

CONSTITUTION: A collecting part 1 is supported by a lining 2, negative electrode material 3 is formed as a sandwich layer on the lining 2 with lithium positive electrode 4, and a porous separation body 5 such as porous polypropylene to form a sheet of a flexible sandwich 6 disposed between two electrodes. This layered assembly is wound around a metal center pole 7 to form a spiral assembly 8. A negative electrode side component comprises metal composition based on aluminum to get in contact with electrolyte. An alloy based on aluminum is favorably of series 2000, series 5000, series 6000, or mixture of these.

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